

ABSTRACT OF THE DISCLOSURE

A time division data transmitter/receiver for transmitting/receiving data packets by a TDMA/TDD communication system, having a transmitting/receiving unit for transmitting/receiving high frequency signals, a modulating/demodulating unit for converting the high frequency signals into baseband signals, and a baseband signal processing unit for processing the baseband signals, wherein each of the data packets is augmented with a frame flag for specifying the data packet and a retry flag for specifying, in the event the data packet suffers a communication error, the need or non-need to retransmit the data packet, and wherein the baseband signal processing unit is provided with a means for changing over, where the retry flag of one data packet is transmitted with the need to retransmit specified, to an operation mode to retransmit the packet only when the frame flag specification of the data packet received immediately after that transmission is wrong or when a reception error has arisen in that received data packet.